

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101020\  
 Data File : PD059643.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2020 12:10  
 Operator : DD\AJ  
 Sample : L4286-11MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0AQ9MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 12 01:11:34 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100220CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 02 04:21:20 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml       |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|-------------|
| -----                       |                 |        |       |          |          |         |             |
| System Monitoring Compounds |                 |        |       |          |          |         |             |
| 1)                          | SA Tetrachlo... | 3.510  | 4.025 | 31902610 | 35460308 | 22.086  | 17.853      |
| 27)                         | SA Decachlor... | 8.314  | 9.111 | 39918796 | 55105507 | 37.256  | 37.038      |
| Target Compounds            |                 |        |       |          |          |         |             |
| 2)                          | A alpha-BHC     | 3.973  | 0.000 | 1240429  | 0        | 0.584   | N.D. #      |
| 3)                          | MA gamma-BHC... | 4.238  | 4.702 | 134.4E6  | 163.5E6  | 68.834  | 61.612      |
| 4)                          | MA Heptachlor   | 4.547  | 5.214 | 119.2E6  | 163.8E6  | 61.028  | 64.465      |
| 5)                          | MB Aldrin       | 4.799  | 5.520 | 110.1E6  | 151.9E6  | 59.310  | 62.694      |
| 6)                          | B beta-BHC      | 4.458f | 0.000 | 385636   | 0        | 0.473   | N.D. #      |
| 8)                          | B Heptachlo...  | 5.246  | 5.935 | 418396   | 1032030  | 0.258   | 0.460 #     |
| 9)                          | A Endosulfan I  | 5.617  | 6.243 | 529203   | 1812948  | 0.352   | 0.889 #     |
| 10)                         | B trans-Chl...  | 5.518f | 0.000 | 2106775  | 0        | 1.297   | N.D. #      |
| 11)                         | B cis-Chlor...  | 5.518  | 6.212 | 2106775  | 595187   | 1.301   | 0.272 #     |
| 12)                         | B 4,4'-DDE      | 5.699  | 6.369 | 3187012  | 3042450  | 2.068   | 1.455 #     |
| 13)                         | MA Dieldrin     | 5.835  | 6.523 | 212.7E6  | 296.9E6  | 129.664 | 133.166     |
| 14)                         | MA Endrin       | 6.094  | 6.741 | 181.5E6  | 251.6E6  | 153.633 | 162.382     |
| 15)                         | B Endosulfa...  | 6.379  | 6.947 | 319879   | 1497762  | 0.246   | 0.830 #     |
| 16)                         | A 4,4'-DDD      | 6.219  | 6.859 | 2499381  | 5537240  | 1.912   | 3.198 #     |
| 17)                         | MA 4,4'-DDT     | 6.463  | 7.159 | 165.7E6  | 217.7E6  | 123.445 | 135.623     |
| 18)                         | B Endrin al...  | 6.536  | 7.073 | 690405   | 1528146  | 0.659   | 1.045 #     |
| 20)                         | A Methoxychlor  | 0.000  | 7.640 | 0        | 799505   | N.D.    | 0.964       |
| 21)                         | B Endrin ke...  | 7.246  | 7.767 | 4335412  | 4741816  | 3.250   | 2.637       |
| 22)                         | Toxaphene-1     | 5.787  | 6.369 | 593459   | 3042450  | 59.964  | 299.691 #   |
| 23)                         | Toxaphene-2     | 0.000  | 6.741 | 0        | 251.6E6  | N.D.    | 19938.435   |
| 24)                         | Toxaphene-3     | 6.289  | 7.159 | 1205382  | 217.7E6  | 111.729 | 12544.865 # |
| 25)                         | Toxaphene-4     | 6.379  | 7.195 | 319879   | 482262   | 13.256  | 10.394      |
| 26)                         | Toxaphene-5     | 7.171  | 7.691 | 216590   | 2684643  | 9.549   | 124.465 #   |
| -----                       |                 |        |       |          |          |         |             |

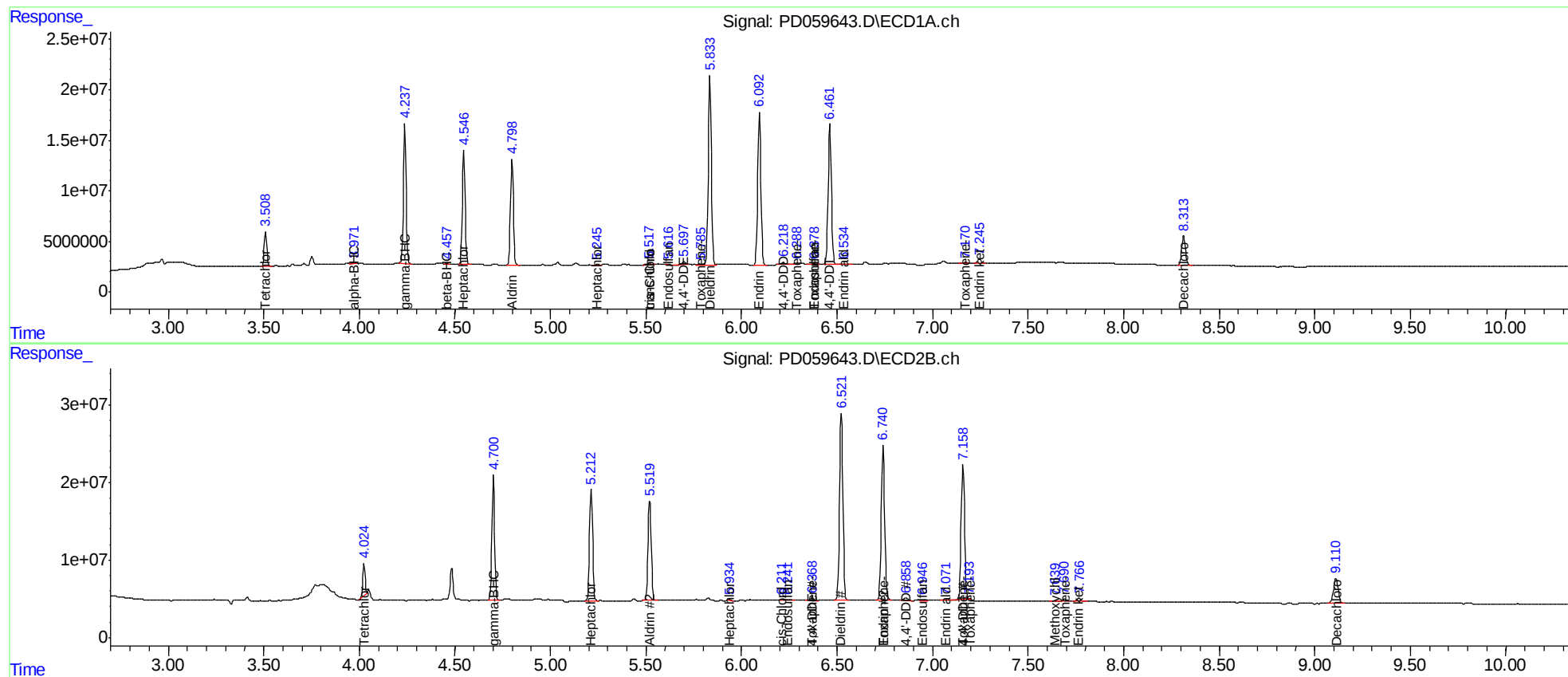
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

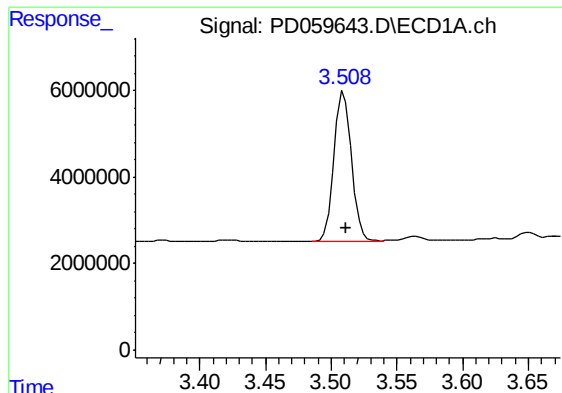
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101020\  
Data File : PD059643.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2020 12:10  
Operator : DD\AJ  
Sample : L4286-11MSD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ9MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 12 01:11:34 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100220CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 02 04:21:20 2020  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

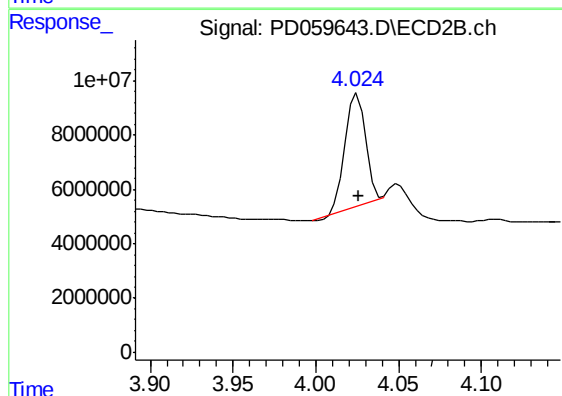




#1 Tetrachloro-m-xylene

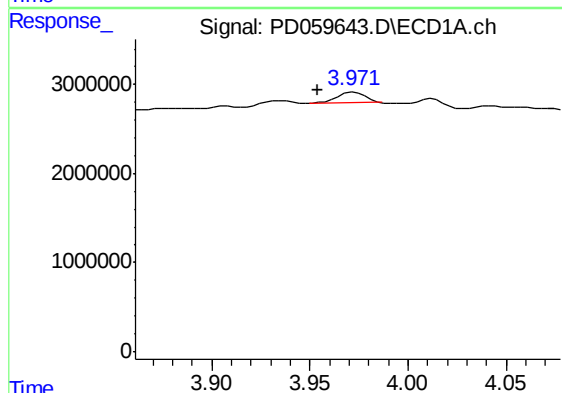
R.T.: 3.510 min  
Delta R.T.: -0.001 min  
Response: 31902610  
Conc: 22.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ9MSD



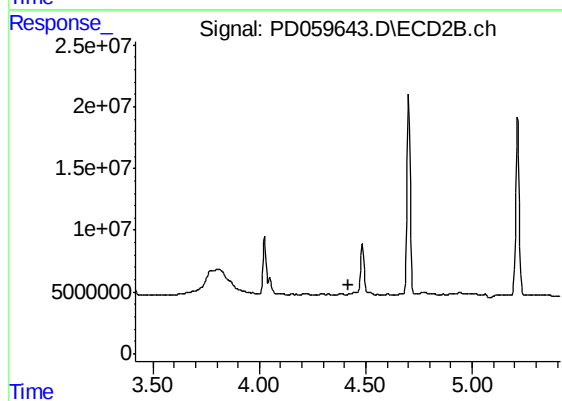
#1 Tetrachloro-m-xylene

R.T.: 4.025 min  
Delta R.T.: 0.000 min  
Response: 35460308  
Conc: 17.85 ng/ml



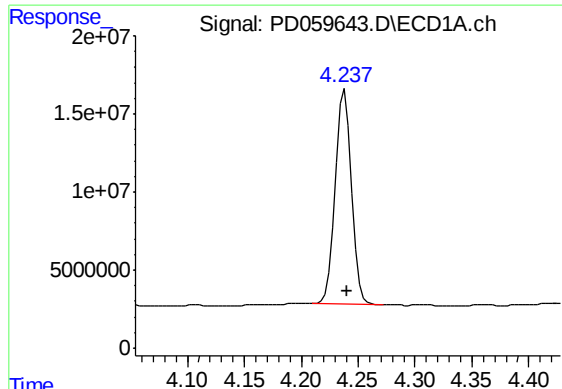
#2 alpha-BHC

R.T.: 3.973 min  
Delta R.T.: 0.019 min  
Response: 1240429  
Conc: 0.58 ng/ml



#2 alpha-BHC

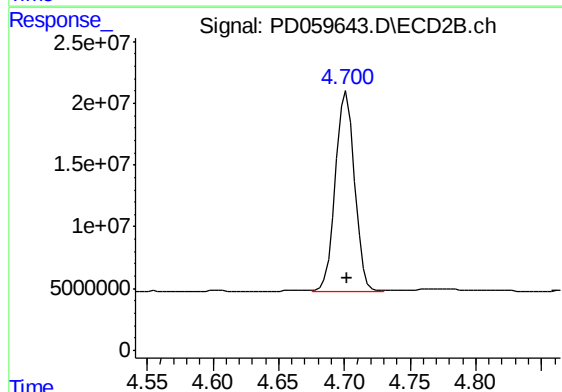
R.T.: 0.000 min  
Exp R.T. : 4.416 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

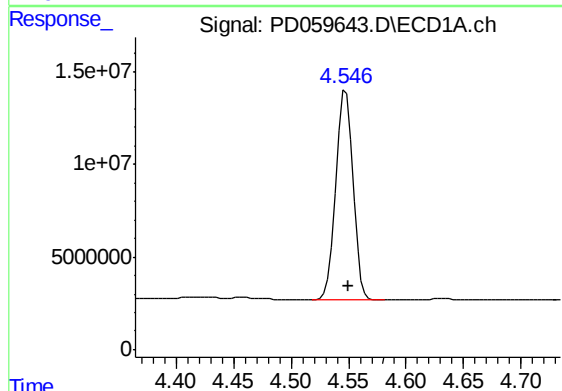
R.T.: 4.238 min  
Delta R.T.: -0.002 min  
Response: 134433953  
Conc: 68.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ9MSD



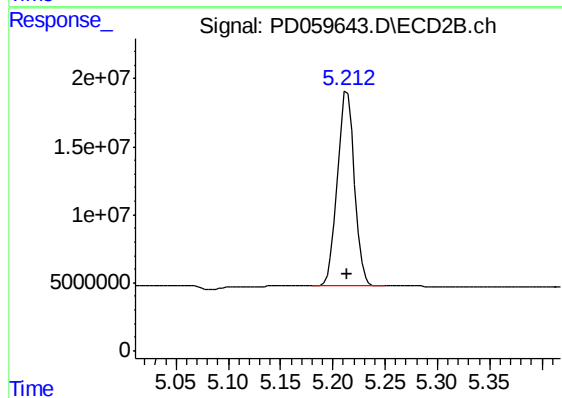
#3 gamma-BHC (Lindane)

R.T.: 4.702 min  
Delta R.T.: 0.000 min  
Response: 163511635  
Conc: 61.61 ng/ml



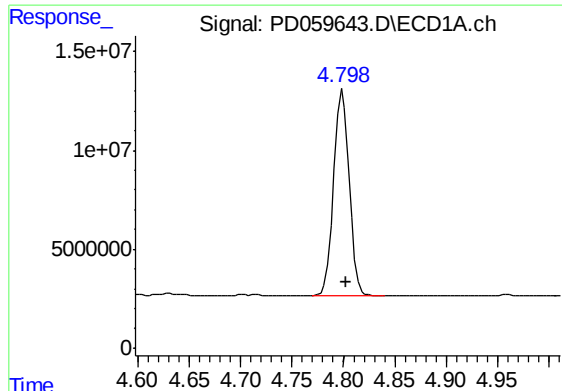
#4 Heptachlor

R.T.: 4.547 min  
Delta R.T.: -0.003 min  
Response: 119155034  
Conc: 61.03 ng/ml



#4 Heptachlor

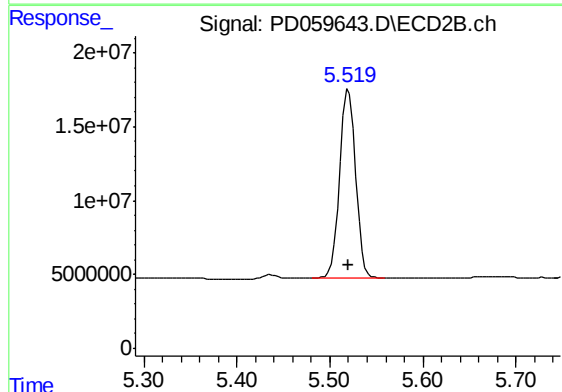
R.T.: 5.214 min  
Delta R.T.: 0.000 min  
Response: 163832457  
Conc: 64.46 ng/ml



#5 Aldrin

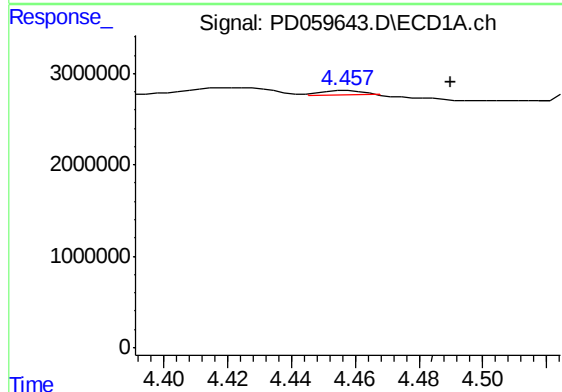
R.T.: 4.799 min  
Delta R.T.: -0.003 min  
Response: 110103388  
Conc: 59.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ9MSD



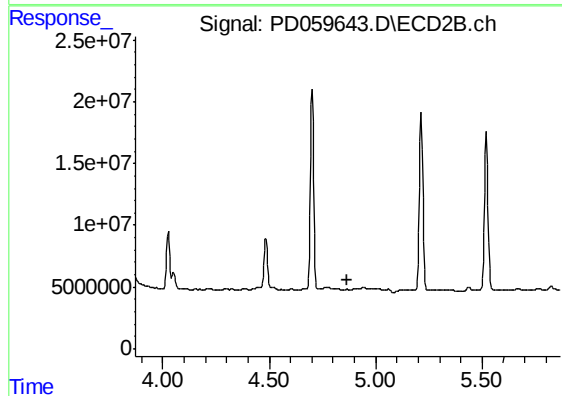
#5 Aldrin

R.T.: 5.520 min  
Delta R.T.: 0.000 min  
Response: 151863604  
Conc: 62.69 ng/ml



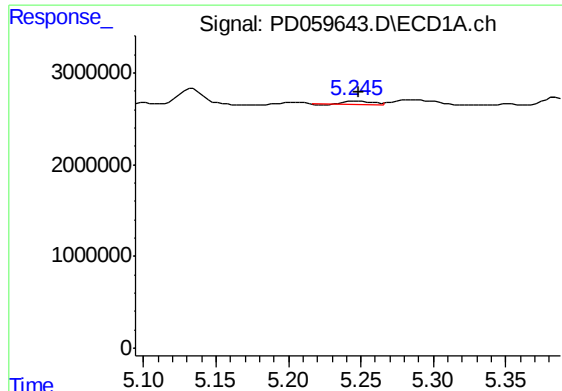
#6 beta-BHC

R.T.: 4.458 min  
Delta R.T.: -0.032 min  
Response: 385636  
Conc: 0.47 ng/ml



#6 beta-BHC

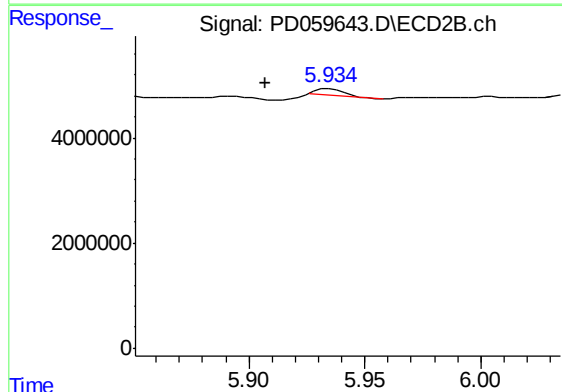
R.T.: 0.000 min  
Exp R.T. : 4.869 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

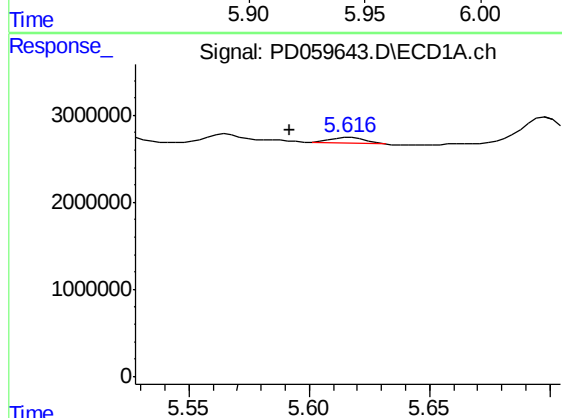
R.T.: 5.246 min  
Delta R.T.: -0.002 min  
Response: 418396  
Conc: 0.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ9MSD



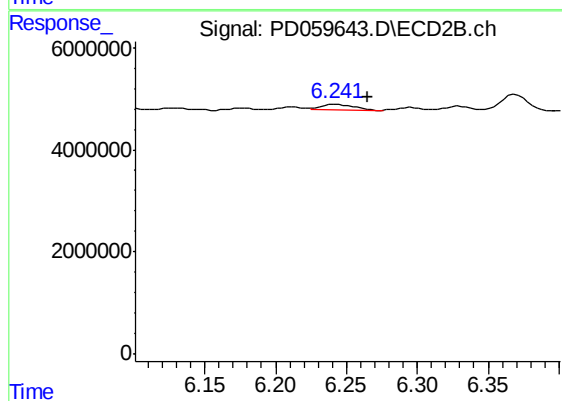
#8 Heptachlor epoxide

R.T.: 5.935 min  
Delta R.T.: 0.028 min  
Response: 1032030  
Conc: 0.46 ng/ml



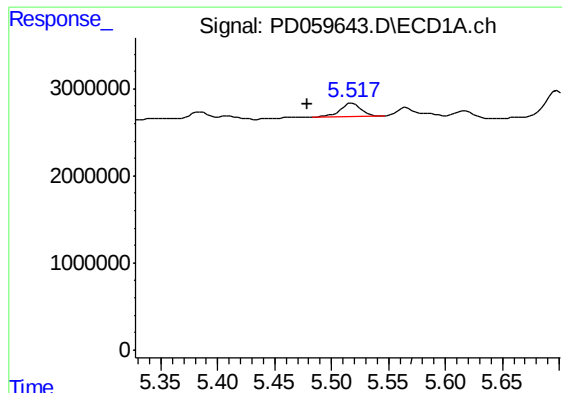
#9 Endosulfan I

R.T.: 5.617 min  
Delta R.T.: 0.025 min  
Response: 529203  
Conc: 0.35 ng/ml



#9 Endosulfan I

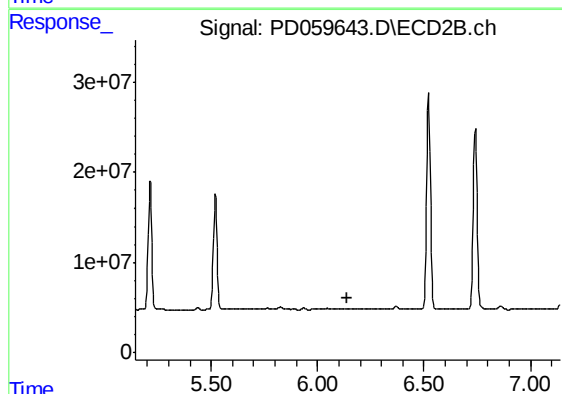
R.T.: 6.243 min  
Delta R.T.: -0.022 min  
Response: 1812948  
Conc: 0.89 ng/ml



#10 trans-Chlordane

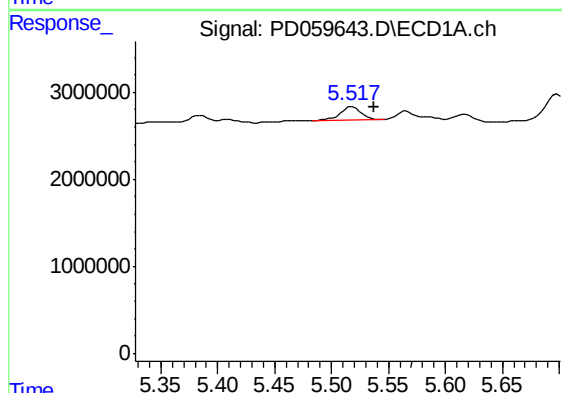
R.T.: 5.518 min  
Delta R.T.: 0.040 min  
Response: 2106775  
Conc: 1.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ9MSD



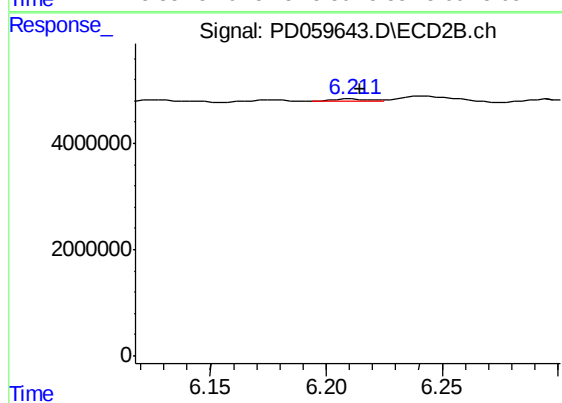
#10 trans-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.141 min  
Response: 0  
Conc: N.D.



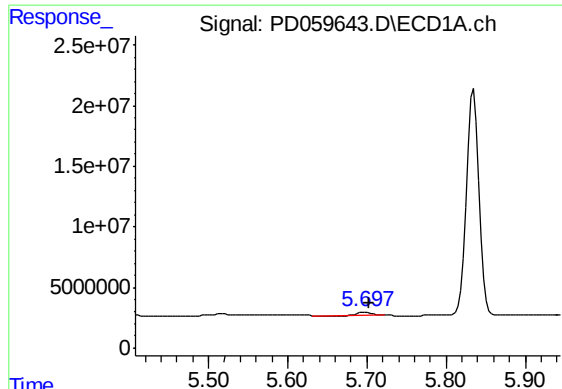
#11 cis-Chlordane

R.T.: 5.518 min  
Delta R.T.: -0.019 min  
Response: 2106775  
Conc: 1.30 ng/ml



#11 cis-Chlordane

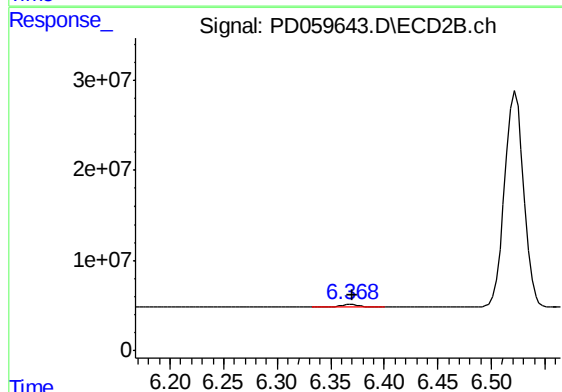
R.T.: 6.212 min  
Delta R.T.: -0.002 min  
Response: 595187  
Conc: 0.27 ng/ml



#12 4,4'-DDE

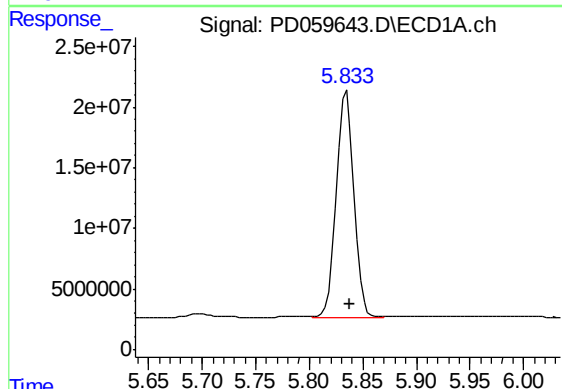
R.T.: 5.699 min  
Delta R.T.: -0.004 min  
Response: 3187012  
Conc: 2.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ9MSD



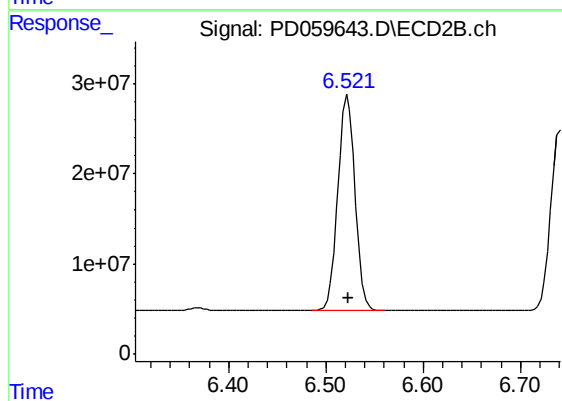
#12 4,4'-DDE

R.T.: 6.369 min  
Delta R.T.: 0.000 min  
Response: 3042450  
Conc: 1.45 ng/ml



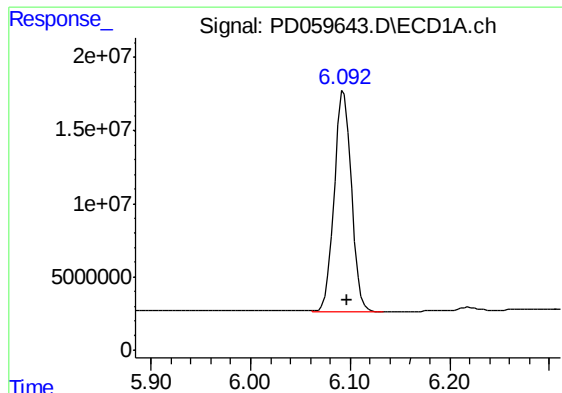
#13 Dieldrin

R.T.: 5.835 min  
Delta R.T.: -0.003 min  
Response: 212658127  
Conc: 129.66 ng/ml



#13 Dieldrin

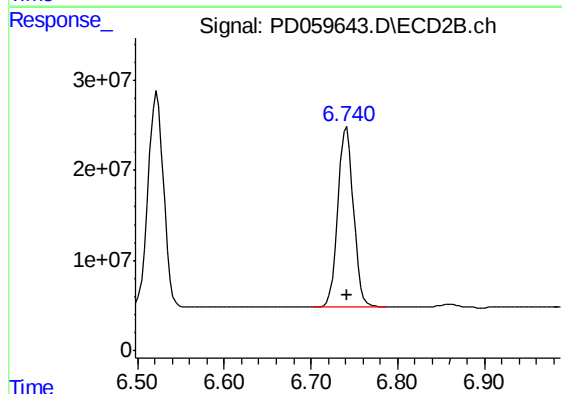
R.T.: 6.523 min  
Delta R.T.: 0.000 min  
Response: 296858973  
Conc: 133.17 ng/ml



#14 Endrin

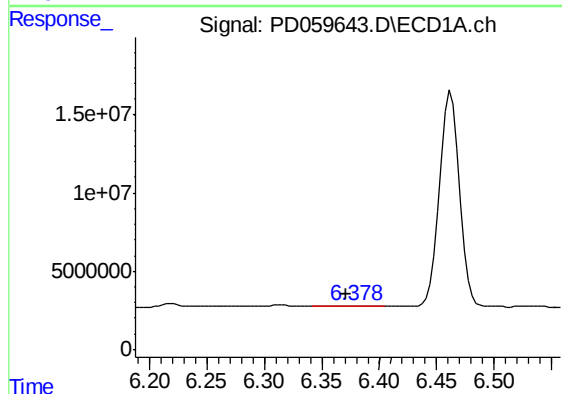
R.T.: 6.094 min  
Delta R.T.: -0.003 min  
Response: 181487574  
Conc: 153.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ9MSD



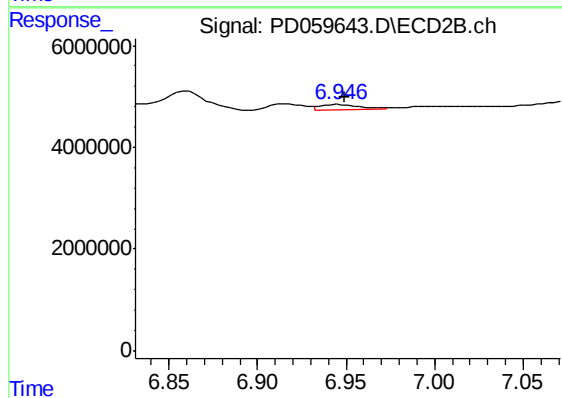
#14 Endrin

R.T.: 6.741 min  
Delta R.T.: 0.000 min  
Response: 251571170  
Conc: 162.38 ng/ml



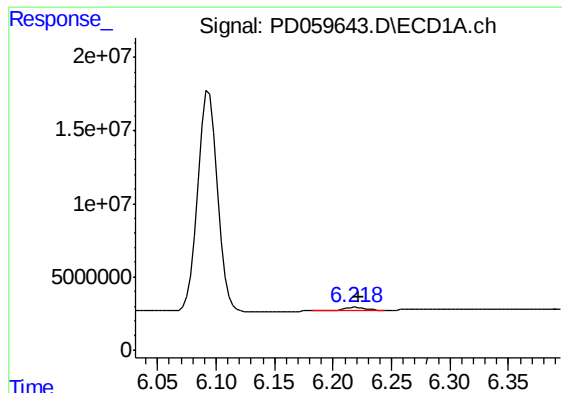
#15 Endosulfan II

R.T.: 6.379 min  
Delta R.T.: 0.009 min  
Response: 319879  
Conc: 0.25 ng/ml



#15 Endosulfan II

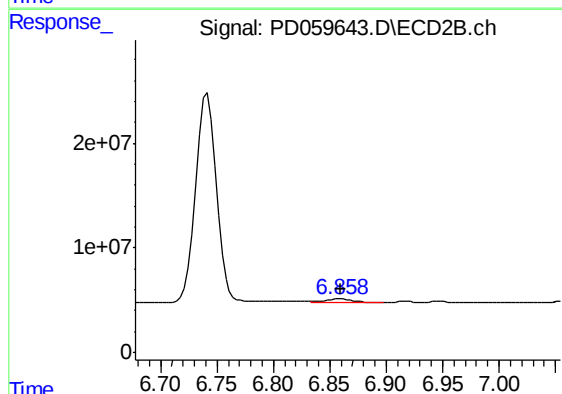
R.T.: 6.947 min  
Delta R.T.: -0.002 min  
Response: 1497762  
Conc: 0.83 ng/ml



#16 4,4'-DDD

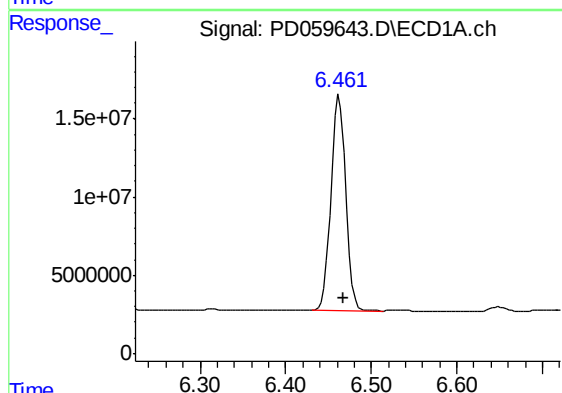
R.T.: 6.219 min  
Delta R.T.: -0.003 min  
Response: 2499381  
Conc: 1.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ9MSD



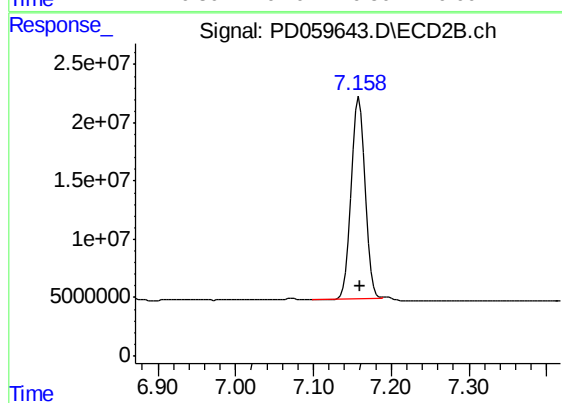
#16 4,4'-DDD

R.T.: 6.859 min  
Delta R.T.: 0.000 min  
Response: 5537240  
Conc: 3.20 ng/ml



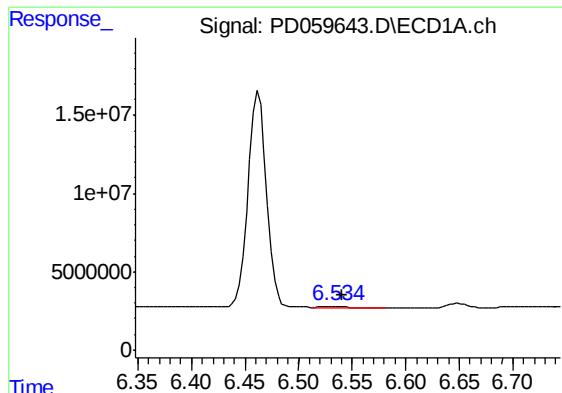
#17 4,4'-DDT

R.T.: 6.463 min  
Delta R.T.: -0.004 min  
Response: 165655641  
Conc: 123.44 ng/ml



#17 4,4'-DDT

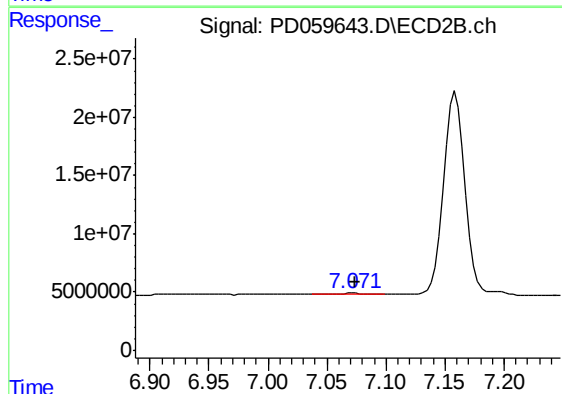
R.T.: 7.159 min  
Delta R.T.: 0.000 min  
Response: 217684893  
Conc: 135.62 ng/ml



#18 Endrin aldehyde

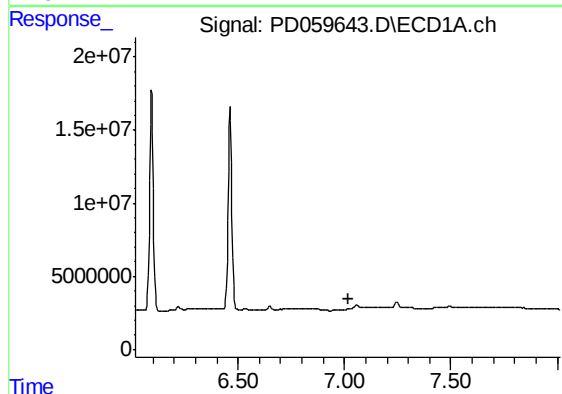
R.T.: 6.536 min  
Delta R.T.: -0.005 min  
Response: 690405  
Conc: 0.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ9MSD



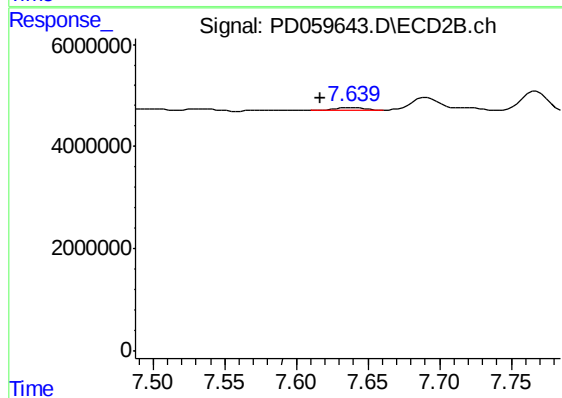
#18 Endrin aldehyde

R.T.: 7.073 min  
Delta R.T.: 0.000 min  
Response: 1528146  
Conc: 1.04 ng/ml



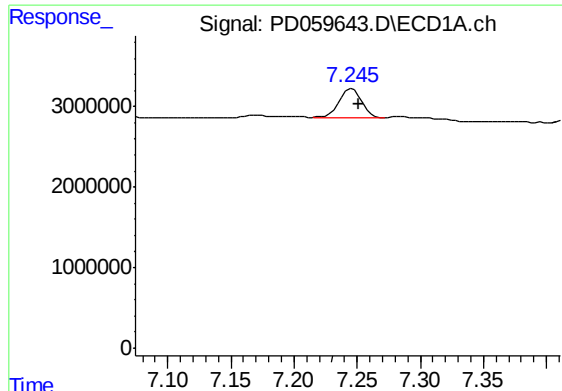
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.017 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

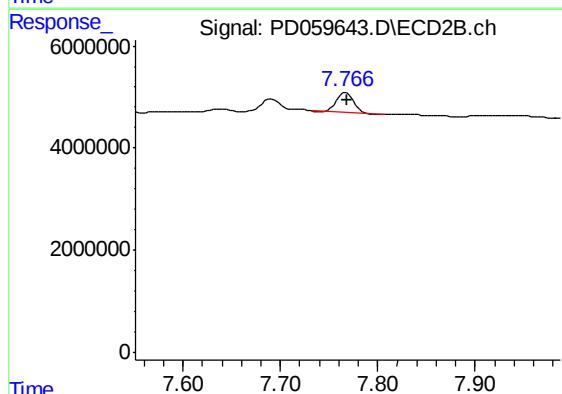
R.T.: 7.640 min  
Delta R.T.: 0.023 min  
Response: 799505  
Conc: 0.96 ng/ml



#21 Endrin ketone

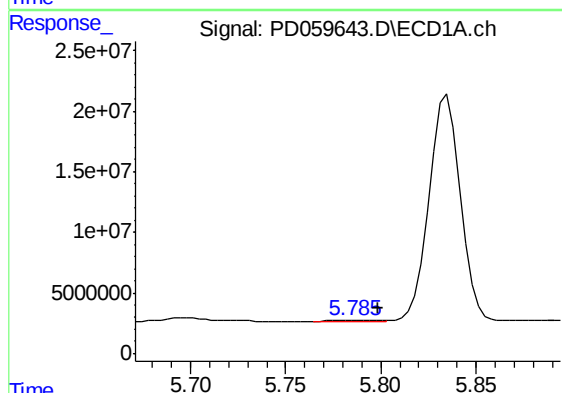
R.T.: 7.246 min  
Delta R.T.: -0.005 min  
Response: 4335412  
Conc: 3.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ9MSD



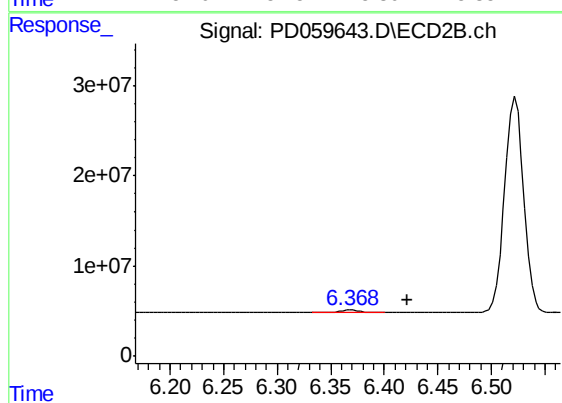
#21 Endrin ketone

R.T.: 7.767 min  
Delta R.T.: 0.000 min  
Response: 4741816  
Conc: 2.64 ng/ml



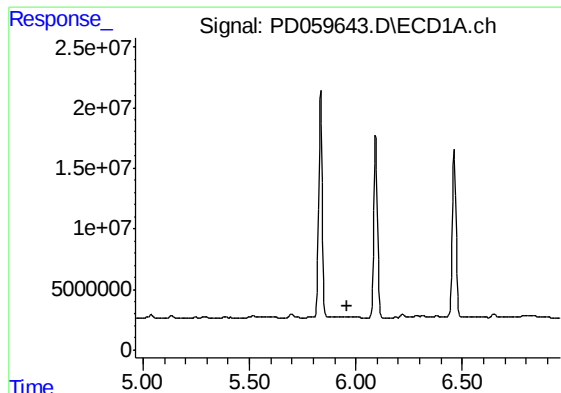
#22 Toxaphene-1

R.T.: 5.787 min  
Delta R.T.: -0.012 min  
Response: 593459  
Conc: 59.96 ng/ml



#22 Toxaphene-1

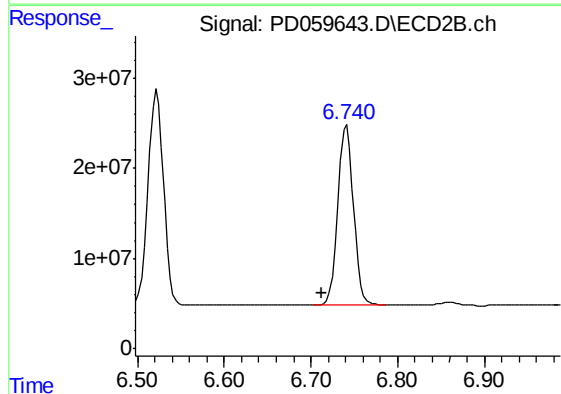
R.T.: 6.369 min  
Delta R.T.: -0.052 min  
Response: 3042450  
Conc: 299.69 ng/ml



#23 Toxaphene-2

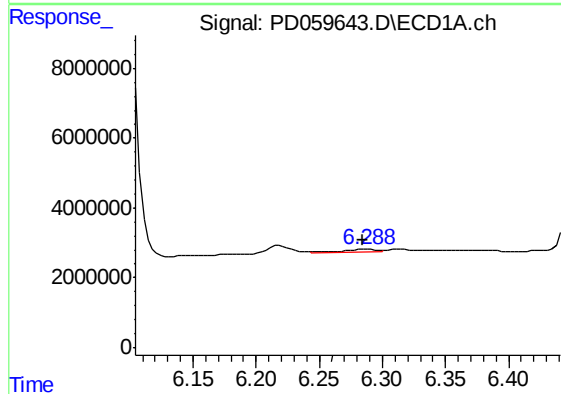
R.T.: 0.000 min  
Exp R.T.: 5.961 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ9MSD



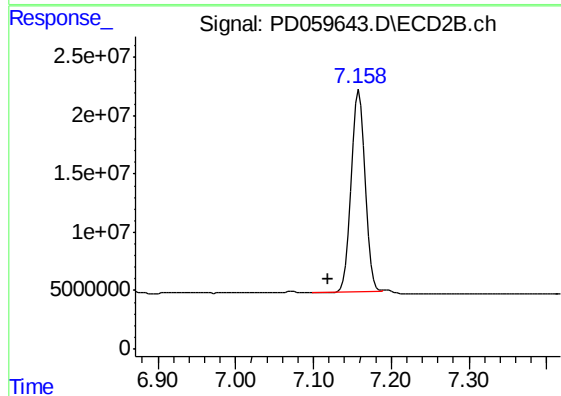
#23 Toxaphene-2

R.T.: 6.741 min  
Delta R.T.: 0.029 min  
Response: 251571170  
Conc: 19938.44 ng/ml



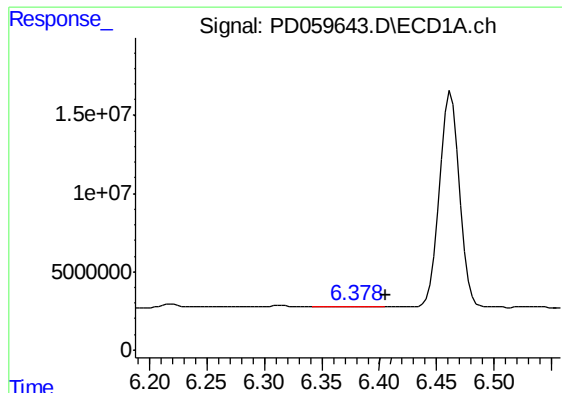
#24 Toxaphene-3

R.T.: 6.289 min  
Delta R.T.: 0.004 min  
Response: 1205382  
Conc: 111.73 ng/ml



#24 Toxaphene-3

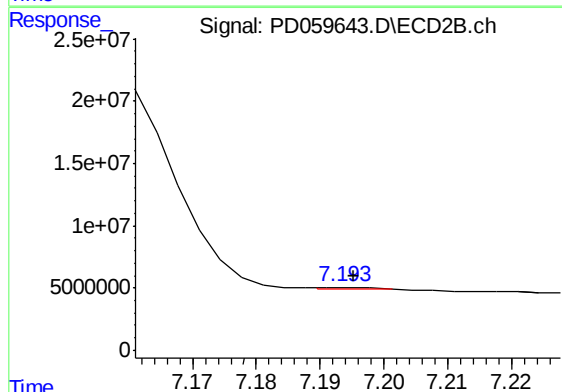
R.T.: 7.159 min  
Delta R.T.: 0.040 min  
Response: 217684893  
Conc: 12544.86 ng/ml



#25 Toxaphene-4

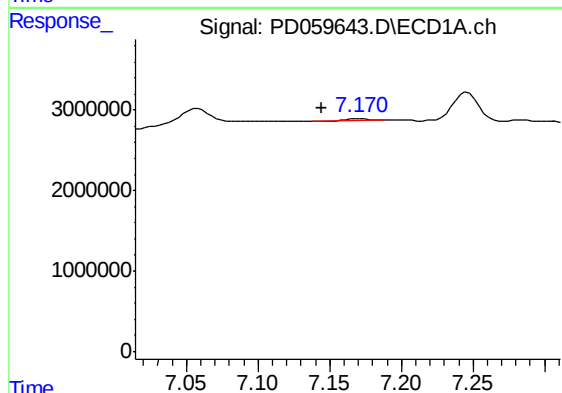
R.T.: 6.379 min  
Delta R.T.: -0.026 min  
Response: 319879  
Conc: 13.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ9MSD



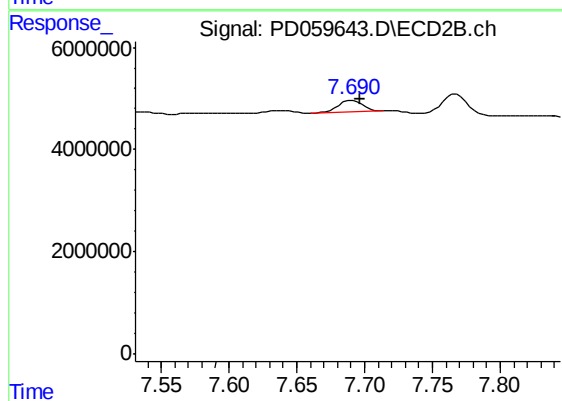
#25 Toxaphene-4

R.T.: 7.195 min  
Delta R.T.: 0.000 min  
Response: 482262  
Conc: 10.39 ng/ml



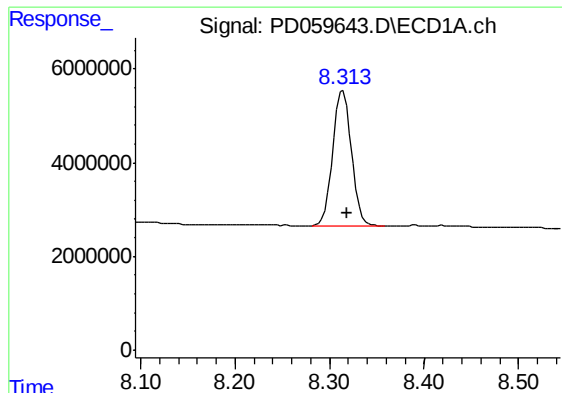
#26 Toxaphene-5

R.T.: 7.171 min  
Delta R.T.: 0.027 min  
Response: 216590  
Conc: 9.55 ng/ml



#26 Toxaphene-5

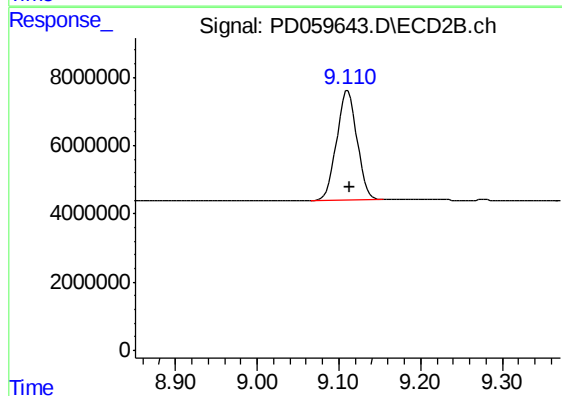
R.T.: 7.691 min  
Delta R.T.: -0.005 min  
Response: 2684643  
Conc: 124.46 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.314 min  
Delta R.T.: -0.005 min  
Response: 39918796  
Conc: 37.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ9MSD



#27 Decachlorobiphenyl

R.T.: 9.111 min  
Delta R.T.: -0.002 min  
Response: 55105507  
Conc: 37.04 ng/ml